

# Purchase Order Receipt Listing

Wednesday, July 08, 2015 9:14:14 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO28959 All Receipt Dates All Line Item Types  
All Item ID/GL/VOs All Rec. Employees All Currencies  
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID/Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO28959	1		M7075T6B1.500X1.5 f 00		7/7/2015	7/8/2015	24.0000	\$14.73	0.0000	0	\$353.54
CAD	No		7075 T6 BAR 1.500 f x 1.500 m132693		24.0000	DCUSER		\$353.54	0.0000	0	
	2		M7075T6B1.250X2.0 f 00		7/7/2015	7/8/2015	24.0000	\$17.68	0.0000	0	\$424.32
	No		7075-T6 BAR 1.250" f X 2.000" m132693		24.0000	DCUSER		\$424.32	0.0000	0	
	3		M7075T6B1.000x2.5 f 00		7/7/2015	7/8/2015	12.0000	\$18.35	0.0000	0	\$220.16
	No		7075-T6 Bar 1.000 x f 2.500" m132693		12.0000	DCUSER		\$220.16	0.0000	0	
	4		M6061T6B2.000X08. f 000		7/7/2015	7/8/2015	8.0000	\$46.53	0.0000	0	\$372.28
	No		6061-T6 BAR 2.00' f X 8.00" (CUT IN 4FT SECTION) m132693		8.0000	DCUSER		\$372.28	0.0000	0	
	5		M304B0.500X2.500 f 304 BAR .500 x 2.50 f m132693		7/7/2015	7/8/2015	12.0000	\$12.49	0.0000	0	\$149.85
	No				12.0000	DCUSER		\$149.85	0.0000	0	
	6		71401-45 PROCUREMENT QUALITY CLAUSES m132693		7/7/2015	7/8/2015	1.0000	\$0.00	0.0000	0	\$0.00
	No				1.0000	DCUSER		\$0.00	0.0000	0	



Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
<div> <div>Total Received Quantity:</div> <div>81.0000</div> </div> <div> <div>Total Qty to Inspect (PO U/M):</div> <div>0.0000</div> </div> <div> <div>Total Reject Quantity:</div> <div>0.0000</div> </div> <div> <div>Total Receipt Value:</div> <div>\$1,520.15</div> </div> <div> <div>Total Balance Due Quantity:</div> <div>0.0000</div> </div>											





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO28959

Purchase Order Date 6/26/2015

PO Print Date 6/26/2015

Page Number 1 of 3

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

FAXED

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	VENDOR'S TRUCK	Currency	CAD
Ship Acct:		FOB	FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M7075T6B1.500X1.500	7075 T6 BAR 1.500 x 1.500	7/6/2015 Yes 7/6/2015		24.00 ✓ f	\$18.40	\$441.60
MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE							
Line Total:							\$441.60
2	M7075T6B1.250X2.000	7075-T6 BAR 1.250" X 2.000"	7/6/2015 Yes 7/6/2015		24.00 ✓ f	\$22.08	\$530.00
MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE							
Line Total:							\$530.00

Note:

6/26/2015





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
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## PURCHASE ORDER

Purchase Order ID **PO28959**

Purchase Order Date 6/26/2015

PO Print Date 6/26/2015

Page Number 2 of 3

**Order From :** VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone**

905 669 9444

**Ship To Contact**

**Ship To Phone**

**Ship Via:**

VENDOR'S TRUCK

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

FCA - (Free Carrier)

3	M7075T6B1.000x2.500	7075-T6 Bar 1.000 x 2.500"	7/6/2015	FN	12.00	✓	\$22.92	\$275.00
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Yes

f

7/6/2015

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

**Line Total:**

**\$275.00**

4	M6061T6B2.000X08.000	6061-T6 BAR 2.00' X 8.00" ( CUT IN 4FT SECTION)	7/6/2015		8.00	✓	\$58.13	\$465.00
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Yes

f

7/6/2015

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

8015-07-8

**Line Total:**

**\$465.00**

**Note:**

6/26/2015







Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO28959**

Purchase Order Date 6/26/2015

PO Print Date 6/26/2015

Page Number 3 of 3

**Order From :** VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 905 669 9444

**Ship To Contact**

**Ship To Phone**

**Ship Via:** VENDOR'S TRUCK

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #** 10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

FCA - (Free Carrier)

5	M304B0.500X2.500	304 BAR .500 x 2.50	7/6/2015 Yes 7/6/2015	12.00 f	✓	\$15.60	\$187.17
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MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE  
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

**Line Total:** \$187.17

6	71401-45	PROCUREMENT QUALITY CLAUSES	7/6/2015 No 7/6/2015	1.00	✓	\$0.00	\$0.00
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**Procurement Quality Clauses**

A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

**Line Total:** \$0.00

**PO Total:** \$1,898.77

**Note:** Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

**Change Nbr:** 1

**Change Date:** 6/26/2015



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 17075-T6  
 DATE: 15/07/10

PO / BATCH NO.: 28959/1132093

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 24'  
 QUANTITY INSPECTED: 24'  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: 1.250x2.00  
 THICKNESS RECEIVED: 1.330x2.090  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL	(Y) N	
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT MATERIAL	(Y) N	
CORRECT REF # TO LINK CERT	(Y) N	
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>[Signature]</u>	SIGNED OFF BY: _____		
DATE: <u>15/07/10</u>	DATE: _____		

**Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in**

# **MATERIAL RECEIPT INSPECTION FORM**

## **INSTRUCTIONS FOR INSPECTING BAR, TUBING, ROUND, & SHEET STOCK**

- 1- VERIFY STOCK TO DART PURCHASE ORDER
- 2- MEASURE ALL DIMENSIONS FOR EACH PURCHASED STOCK
  - a. WIDTH, THICKNESS, DIAMETER, WALL THICKNESS & LENGTH
- 3- VERIFY CONDITION OF MATERIAL i.e. DAMAGED, CORRODED, etc.
- 4- VERIFY THAT SUPPLIER HAS A NUMBER (HEAT #) ON ITS RECEIVING REPORT TO LINK TO MATERIAL CERTS
- 5- VERIFY MATERIAL CERTS ARE CORRECT TO THE DART PO INSTRUCTIONS
- 6- REMOVE / CUT A PIECE OF MATERIAL FOR SAMPLE HARDNESS TESTING

## **INSTRUCTIONS FOR INSPECTING SKIDTUBE & STEP EXTRUSION**

- 1- VERIFY TO DART SUPPLIED DRAWING
- 2- SAMPLE INSPECT MATERIAL IN BUNDLE TO ENSURE MATERIAL CAN BE RECEIVED INTO DART
- 3- USING PORTABLE HARDNESS TESTER VERIFY HARDNESS OF THE MATERIAL TO THE DRAWING
- 4- VERIFY THAT MATERIAL CERTS MATCH TO WHATS CALLED UP ON THE DART DRAWING

### **AFTER MATERIAL PASSES INSPECTION**

- 5- HAVE DART EMPLOYEES START STOCKING MATERIAL BUT REQUEST **MIN 20pcs** FOR FULL INSPECTION
- 6- INSPECT ALL DIMS AS PER DRAWING REQUIREMENTS

## **INSTRUCTIONS FOR INSPECTING CROSS TUBE MATERIAL**

- 1- VERIFY MATERIAL CERTS MATCH THE REQUIREMENTS ON THE DART DRAWINGS
- 2- INSPECT MIN. HALF THE BATCH OF EXTRUSION RECEIVED INTO DART
- 3- INSPECT MATERIAL AS PER THE EXTRUSION REPORT
  - a. WALL THICKNESS USING ULTRA-SONIC IN 4 LOCATIONS
  - b. OUTSIDE DIAMETER HIGHEST/LOWEST BOTH ENDS
  - c. INSIDE DIAMETER HIGHEST/LOWEST BOTH ENDS
  - d. STRAIGHTNESS @ CENTER OVER 12" SPAN
  - e. WALL THICKNESS USING TUBE MICROMETER HIGHEST/LOWEST BOTH ENDS
- 4- IDENTIFY EACH TUBE IN SEQUENCE OF INSPECTING (TUBE 1, TUBE2.....) AND W/O# AND PO#
- 5- RECORD ALL FINDINGS ON EXTRUSION REPORT

IF ANY QUESTIONS PLEASE SEE QC COORDINATOR BEFORE GOING FURTHER

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075-T6  
 DATE: 15/07/10

PO / BATCH NO.: 28959/MB2693

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 24'  
 QUANTITY INSPECTED: 24'  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: 1.50 X 1.50  
 THICKNESS RECEIVED: 1.50 X 1.50  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	Y	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	Y	N	
CORRECT MATERIAL	Y	N	
CORRECT THICKNESS	Y	N	
PHOTO REQUIRED	Y	N	
CORRECT MATERIAL	Y	N	
CORRECT REF # TO LINK CERT	Y	N	
CORRECT MATERIAL IDENTIFICATION	Y	N	
CORRECT M# ON THE MATERIAL	Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS 14</u> DATE: <u>15/07/10</u>	SIGNED OFF BY: _____ DATE: _____		

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# MATERIAL RECEIPT INSPECTION FORM

## INSTRUCTIONS FOR INSPECTING BAR, TUBING, ROUND, & SHEET STOCK

- 1- VERIFY STOCK TO DART PURCHASE ORDER
- 2- MEASURE ALL DIMENSIONS FOR EACH PURCHASED STOCK
  - a. WIDTH, THICKNESS, DIAMETER, WALL THICKNESS & LENGTH
- 3- VERIFY CONDITION OF MATERIAL i.e. DAMAGED, CORRODED, etc.
- 4- VERIFY THAT SUPPLIER HAS A NUMBER (HEAT #) ON ITS RECEIVING REPORT TO LINK TO MATERIAL CERTS
- 5- VERIFY MATERIAL CERTS ARE CORECT TO THE DART PO INSTRUCTIONS
- 6- REMOVE / CUT A PIECE OF MATERIAL FOR SAMPLE HARDNESS TESTING

## INSTRUCTIONS FOR INSPECTING SKIDTUBE & STEP EXTRUSION

- 1- VERIFY TO DART SUPPLIED DRAWING
- 2- SAMPLE INSPECT MATERIAL IN BUNDLE TO ENSURE MATERIAL CAN BE RECEIVED INTO DART
- 3- USING PORTABLE HARDNESS TESTER VERIFY HARDNESS OF THE MATERIAL TO THE DRAWING
- 4- VERIFY THAT MATERIAL CERTS MATCH TO WHATS CALLED UP ON THE DART DRAWING

### **AFTER MATERIAL PASSES INSPECTION**

- 5- HAVE DART EMPLOYEES START STOCKING MATERIAL BUT REQUEST MIN **20pcs** FOR FULL INSPECTION
- 6- INSPECT ALL DIMS AS PER DRAWING REQUIRMENTS

## INSTRUCTIONS FOR INSPECTING CROSS TUBE MATERIAL

- 1- VERIFY MATERIAL CERTS MATCH THE REQUIRMENTS ON THE DART DRAWINGS
- 2- INSPECT MIN. HALF THE BATCH OF EXTRUSION RECEIVED INTO DART
- 3- INSPECT MATERIAL AS PER THE EXTRUSION REPORT
  - a. WALL THICKNESS USING ULTRA-SONIC IN 4 LOCATIONS
  - b. OUTSIDE DIAMETER HIGHEST/LOWEST BOTH ENDS
  - c. INSIDE DIAMETER HIGHEST/LOWEST BOTH ENDS
  - d. STRAIGHTNESS @ CENTER OVER 12" SPAN
  - e. WALL THICKNESS USING TUBE MICROMETER HIGHEST/LOWEST BOTH ENDS
- 4- IDENTIFY EACH TUBE IN SEQUENCE OF INSPECTING (TUBE 1, TUBE2.....) AND W/O# AND PO#
- 5- RECORD ALL FINDINGS ON EXTRUSION REPORT

IF ANY QUESTIONS PLEASE SEE QC CORRDIATOR BEFORE GOING FURTHER

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 47075-T6  
 DATE: 15/07/16

PO / BATCH NO.: 28959/1132693

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 12'  
 QUANTITY INSPECTED: 12'  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: 1.00x2.50  
 THICKNESS RECEIVED: 1.00x2.50  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION INSPECTED BY: <u>DAS 14</u> DATE: <u>15/07/16</u>	ENGINEERING SIGNOFF (if required) SIGNED OFF BY: _____ DATE: _____
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# MATERIAL RECEIPT INSPECTION FORM

## INSTRUCTIONS FOR INSPECTING BAR, TUBING, ROUND, & SHEET STOCK

- 1- VERIFY STOCK TO DART PURCHASE ORDER
- 2- MEASURE ALL DIMENSIONS FOR EACH PURCHASED STOCK
  - a. WIDTH, THICKNESS, DIAMETER, WALL THICKNESS & LENGTH
- 3- VERIFY CONDITION OF MATERIAL i.e. DAMAGED, CORRODED, etc.
- 4- VERIFY THAT SUPPLIER HAS A NUMBER (HEAT #) ON ITS RECEIVING REPORT TO LINK TO MATERIAL CERTS
- 5- VERIFY MATERIAL CERTS ARE CORRECT TO THE DART PO INSTRUCTIONS
- 6- REMOVE / CUT A PIECE OF MATERIAL FOR SAMPLE HARDNESS TESTING

## INSTRUCTIONS FOR INSPECTING SKIDTUBE & STEP EXTRUSION

- 1- VERIFY TO DART SUPPLIED DRAWING
- 2- SAMPLE INSPECT MATERIAL IN BUNDLE TO ENSURE MATERIAL CAN BE RECEIVED INTO DART
- 3- USING PORTABLE HARDNESS TESTER VERIFY HARDNESS OF THE MATERIAL TO THE DRAWING
- 4- VERIFY THAT MATERIAL CERTS MATCH TO WHATS CALLED UP ON THE DART DRAWING

### **AFTER MATERIAL PASSES INSPECTION**

- 5- HAVE DART EMPLOYEES START STOCKING MATERIAL BUT REQUEST MIN **20pcs** FOR FULL INSPECTION
- 6- INSPECT ALL DIMS AS PER DRAWING REQUIREMENTS

## INSTRUCTIONS FOR INSPECTING CROSS TUBE MATERIAL

- 1- VERIFY MATERIAL CERTS MATCH THE REQUIREMENTS ON THE DART DRAWINGS
- 2- INSPECT MIN. HALF THE BATCH OF EXTRUSION RECEIVED INTO DART
- 3- INSPECT MATERIAL AS PER THE EXTRUSION REPORT
  - a. WALL THICKNESS USING ULTRA-SONIC IN 4 LOCATIONS
  - b. OUTSIDE DIAMETER HIGHEST/LOWEST BOTH ENDS
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  - e. WALL THICKNESS USING TUBE MICROMETER HIGHEST/LOWEST BOTH ENDS
- 4- IDENTIFY EACH TUBE IN SEQUENCE OF INSPECTING (TUBE 1, TUBE2.....) AND W/O# AND PO#
- 5- RECORD ALL FINDINGS ON EXTRUSION REPORT

IF ANY QUESTIONS PLEASE SEE QC COORDINATOR BEFORE GOING FURTHER



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 716061-T6  
 DATE: 15/07/10

PO / BATCH NO.: 28959/M132693

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 8  
 QUANTITY INSPECTED: 8  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: 2.00x8.00  
 THICKNESS RECEIVED: 2.00x8.00  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<u>N</u>	
CORRECT FINISH	<u>Y</u>	N	
CORROSION	Y	<u>N</u>	
CORRECT GRAIN DIRECTION	<u>Y</u>	N	
CORRECT MATERIAL	<u>Y</u>	N	
CORRECT THICKNESS	<u>Y</u>	N	
PHOTO REQUIRED	Y	<u>N</u>	
CORRECT MATERIAL	<u>Y</u>	N	
CORRECT REF # TO LINK CERT	<u>Y</u>	N	
CORRECT MATERIAL IDENTIFICATION	<u>Y</u>	N	
CORRECT M# ON THE MATERIAL	<u>Y</u>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<u>N</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<u>N</u>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS 14</u> DATE: <u>15/07/10</u>	SIGNED OFF BY: _____ DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# **MATERIAL RECEIPT INSPECTION FORM**

## **INSTRUCTIONS FOR INSPECTING BAR, TUBING, ROUND, & SHEET STOCK**

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- 4- VERIFY THAT SUPPLIER HAS A NUMBER (HEAT #) ON ITS RECEIVING REPORT TO LINK TO MATERIAL CERTS
- 5- VERIFY MATERIAL CERTS ARE CORRECT TO THE DART PO INSTRUCTIONS
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## **INSTRUCTIONS FOR INSPECTING SKIDTUBE & STEP EXTRUSION**

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### **AFTER MATERIAL PASSES INSPECTION**

- 5- HAVE DART EMPLOYEES START STOCKING MATERIAL BUT REQUEST MIN 20pcs FOR FULL INSPECTION
- 6- INSPECT ALL DIMS AS PER DRAWING REQUIREMENTS

## **INSTRUCTIONS FOR INSPECTING CROSS TUBE MATERIAL**

- 1- VERIFY MATERIAL CERTS MATCH THE REQUIREMENTS ON THE DART DRAWINGS
- 2- INSPECT MIN. HALF THE BATCH OF EXTRUSION RECEIVED INTO DART
- 3- INSPECT MATERIAL AS PER THE EXTRUSION REPORT
  - a. WALL THICKNESS USING ULTRA-SONIC IN 4 LOCATIONS
  - b. OUTSIDE DIAMETER HIGHEST/LOWEST BOTH ENDS
  - c. INSIDE DIAMETER HIGHEST/LOWEST BOTH ENDS
  - d. STRAIGHTNESS @ CENTER OVER 12" SPAN
  - e. WALL THICKNESS USING TUBE MICROMETER HIGHEST/LOWEST BOTH ENDS
- 4- IDENTIFY EACH TUBE IN SEQUENCE OF INSPECTING (TUBE 1, TUBE2.....) AND W/O# AND PO#
- 5- RECORD ALL FINDINGS ON EXTRUSION REPORT

IF ANY QUESTIONS PLEASE SEE QC COORDINATOR BEFORE GOING FURTHER

# Acciaierie Valbruna S.p.A.



**CERTIFICATO DI COLLAUDO**  
**ABNAHMEPRUEFZEUGNIS**  
**INSPECTION CERTIFICATE**  
**CERTIFICAT DE RECEPTION**  
**EN 10204 (2004), 3.1**

38100 VICENZA (Italia) - Viale della scienza, 25 z.l.  
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4  
Telephone number : 0039 (0) 444988211

Clienti / Kunden / Purchasing Client  
**VALBRUNA STAINLESS INC.**  
2400 TAYLOR STREET WEST  
46801-FORT WAYNE, IN 46801-US

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**  
Hersteller / Usine production

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

Avviso di Spedizione: D-VI1 4029356  
Lieferungsgepäckung f.w.B.L.

Ordine nr: 41343 STOCK CAROL STR  
Bestell-/Your order/Commande

Certificato nr: MEST572123/2014/  
Prüfung/Trial/Exam

Conferma ordine nr: EH4008215  
Werkst.Ord. Güter/Nr.

Marchio di Fabbrica:  
Zeichen des Werkschwermet  
Trade mark  
Sigle de l'usine production

Funzione del Collaudatore:  
Stempel des Werkschwermet  
Inspector's stamp/Poligon de l'essayeur



Stato di fornitura: Hot rolled Descaled Annealed Hot rolled  
Lieferzustand/Delivery state/État de livraison

Tipo di Elaborazione: E+AOD  
Erhebungsart/Processing process/Mode de fabrication

Specifiche:  
Anforderungen / Requirements / Exigences

VSI 0304/304L A  
AMS 5647 J S30403 A  
ASME SA193 2013 B8 CLASS1 (1)  
ASME SA479 2013 S30400/03 A (4)  
ASTM A202 2013 PRACTICE E  
ASTM A320 2011A B8 CLASS1  
MIL-S-882 B/1 304/304L  
QQ-S-763 F 304/304L A

AISI 304/304L  
AMS-QQ-S-763 C 304/304L A  
ASME SA276 2013 S30400/03 A (2)  
ASTM A192 2012B S30400/03 A (5)  
ASTM A276 2013A S30400/03 A  
ASTM A479 2001 S30400/03 (6)  
NACE MR0103 2010 S30400/03 A

AMS 5639 H S30400 A  
ASME SA192 2013 S30400/03 A (0)  
ASME SA320 2013 B8 CLASS1 (3)  
ASTM A193 2011A B8 CLASS1  
ASTM A314 2008 S30400/03  
ASTM A479 2013A S30400/03 A  
NACE MR0175 2009 S30400/03 A (7)

- (0) SECTION II PT.A 2013 EDITION
- (1) SECTION II PT.A 2013 EDITION
- (2) SECTION II PT.A 2013 EDITION
- (3) SECTION II PT.A 2013 EDITION
- (4) For products machined directly from bar refer also
- (5) Chemical analysis only
- (6) Technical circular 1:2011 Published 2011-08-14

- (0) For products machined directly from bar refer to ASME SA479.
- (2) SECTION II PT.A 2013 EDITION
- (4) SECTION II PT.A 2013 EDITION
- (5) to ASTM A479.
- (7) ANSINACE MR0175/ISO 18156-5, second edition 2009-10-15

Qualità: 304/304L  
Werkstoff/Grade/Numéro

Marcia: AISI  
Markenbezeichnung  
Usine/Type

Tolleranza: ASTM A484-14 TABLE 5  
Toleranz/Tolerance/Tolérance

Punzonatura: 304/304L  
Kupferzeichnung/Marking/Numéris

Pos. nr. Pos. nr. Ser. nr. Nr. de poste	Oggetto Gegenstand Product description Descript. du produit	Dimensioni - In Abmessungen Dimension Dimensions	Lunghezza - In Länge Length Longueur	Colata Schmelze Heat Coulée	Pezzi Stückzahl Pieces Pièces	Peso - LB Gewicht Weight Poids	Lotto nr. Laser. Lot nr. Lot nr.
0270	Flat	2,5000 x 0,5000	144 / 153	265275		6.801	418904330

TEST ALLO STATO DI FORNITURA Test on delivery condition Prüfung auf Lieferzustand Produkt Test à l'état de livraison Prueba sobre el material así como entregado											
TEST	Provetta/probe Specimen/Éprouvette Long. short Spec. Basis Spec. Thick. Width Spec. Thickness Long. short Spec. mm	°F	Pezzo Sample Éprouvette n°	Snervamento Tensile Tensile Spec. Rp 0.2% Ks.J.	Snervamento Yield Spec. Yield Spec. Yield Spec.	Resistenza Tensile Tensile Spec. Rm Ks.J.	Allungamento Elongation Elongation Elongation	Strizione Reduction Reduction of area RA	Resilienza Resilience Resilience Resilience	Durezza Hardness Hardness Hardness	HB
Valori richiesti 1 Anforderungen/Required values Valeurs requises	min			30	-	75 115	-	40	-	50	140 235
A	12,5	68	L	47		91	52	70			190
TEST						min	max				
A	Grain size for ASTM E112							6			

(L=lunghezza/Length, T=temperatura/Temp., D=dimensione/Dimension)

## Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata/Heat Schmelze/Coulée	min - max 0,030	1,00	2,00	16,00 20,00	1,00	1,00	8,00 10,50	-	0,040	0,020 0,030	0,100	-	-	-	-
265275	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	N %				
	0,021	0,57	1,88	18,00	0,31	0,36	8,00	0,092	0,030	0,025	0,100				

Produced without class I-II Ozone depleting substances.  
Solution heat treated free from continuous carbide network.  
Annealing temperature: 1940°F for 1 h/water.  
Micro and macro etch test: OK  
Reduction ratio > 4:1  
Intergranular corrosion test per ASTM A262 pract. E: ok.  
Absence of cracks at 20 x magnification after bend test.

Vicenza, 16/09/14 Vicepresidente (Mod. 10/03)	Il collaudatore di stabilimento / der Werksachverständiger / Works inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
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# Acciaierie Valbruna S.p.A.



**CERTIFICATO DI COLLAUDO**  
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Telephone number : 0039 (0) 444988211

Clienti / Besatler/Purchaser/Cliet  
**VALBRUNA STAINLESS INC.**  
2400 TAYLOR STREET WEST  
46801-FORT WAYNE, IN 46801-US

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**  
Hersteller/Hersteller/producer

Stato di fornitura: Hot rolled Descaled Annealed Hot rolled  
Lieferzustand/Delivery state/État de livraison

Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste  
Die gestellten Anforderungen sind in Anlage erfüllt  
The material has been furnished in accordance with the requirements  
Le matériau a été fourni conforme aux exigences

Controllo antimiscelanza: OK  
Verwechslungsprüfung: spürlos/nachweislich durchgeführt  
Antimixing testing performed: OK  
Contrôle antimélange satisfaisant

Controllo visivo e dimensionale: soddisfa le esigenze  
Besichtigung und Ausmessung: ohne Beanstandung  
Visual inspection and dimensional check/satisfactory  
Contrôle visuel et dimensionnel satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination  
We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.  
The Quality Management System is Certified acc. Pressure Equipment Directive (97/23/EC) Annex 1, a, 4.3 by TUEV and LLOYD'S  
Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.  
The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Certificato nr: MEST572123/2014/  
Prüfung/Text/Exam

Conferma ordine nr: EH4008215  
Werk/Our Order/Ref. nr.

Marchio di Fabbrica:  
Zeichen des Lieferanten  
Trade mark  
Sigle de l'usine producteur

Funzione del Collaudatore:  
Stempel des Werkschweissständigen  
Inspector's stamp/Prüfung de l'essayeur



Vicenza, 16/09/14  
VCO008  
(Mod. MCEB)

Il collaudatore di stabilimento / der Werkschweissverständiger / Works Inspector / L'agent d'usine

M. Rizzotto

Pagina - 2 di 2





## B I L L O F L A D I N G

No: PEC 942689

Ship From:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 07Jul15 at 13:36 From PFW  
 Probill

Via VIM TRANSFER  
 FOB CONCORD  
 Frt PREPAID

Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp STAN IVERS (905-532-1350)

Sold To: ( 20115)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7  
 Tel: 613-632-9577 Fax: 613-632-1053

## B I L L O F L A D I N G

1) Our Order PEC-819985- 1 Your PO # 28959

ALUMINUM SQUARE BAR 7075-T651

1.50" X 144.0000"

Heat Number  
 MA20143403

Tag No  
 430681

Quantity  
 24 FT

PCS  
 2

Wt LBS  
 66

MTR

2) Our Order PEC-819985- 2 Your PO # 28959

ALUMINUM PLATE 7075-T651

1.250" THICK X 2.0000" X 144.0000"

Heat Number  
 1550015688

Tag No  
 430682

Quantity  
 4.00 SFT

PCS  
 2

Wt LBS  
 78

MTR

3) Our Order PEC-819985- 3 Your PO # 28959

STAINLESS STEEL FLAT BAR 304L SLIT/EDGED

.50" X 2.50" X 144.0000"

Heat Number  
 265275

Tag No  
 430683

Quantity  
 12 FT

PCS  
 1

Wt LBS  
 55

MTR

4) Our Order PEC-819985- 4 Your PO # 28959

ALUMINUM PLATE 7075-T651

1.00" THICK X 2.5000" X 144.0000"

Heat Number  
 1450012600

Tag No  
 430684

Quantity  
 2.50 SFT

PCS  
 1

Wt LBS  
 36

MTR

TOTAL: Tags 4 PCS 6 LBS 235

Heat Number  
 MA20143403

\*\*\* Chemical Analysis \*\*\*

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001





## B I L L O F L A D I N G

No: PEC 942689

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 07Jul15 at 13:36 From PFW  
Probill  
Via VIM TRANSFER  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

## B I L L O F L A D I N G

ADD ON TO 819714 VIM SUR-CHARGE ADDED

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 1 BOX, 2 BDLS GW. 295 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*  
\* WE STOCK STAINLESS STEEL \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

Page: 2 .... Last

ALUMINIUM - LAITON - CUIVRE - PLASTIQUE - ACIER INOX  
ALUMINUM - BRASS - COPPER - PLASTICS - STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001





Ship From:  
THYSSENKRUPP MATERIAUX NA  
4700 BOIS FRANC  
ST. LAURENT, QC H4S 1A7  
Tel: 514-337-0161 Fax: 514-745-2968

Ship To: ( 1 )  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

8 June  
No: VIM 456612  
Ship Date 30Jun15 at 16:24 From VFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115 )  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

B I L L O F L A D I N G

1) Our Order PEC-819714- 1 Your PO # 28959

ALUMINUM FLAT BAR 6061-T6511  
2.00" X 8.00" X 48.0000"

	Heat Number	Tag No	Quantity	PCS	Net Wt	Gr	LBS
1	PLANCHE RECFLZ00052067	294649	8 FT	2	155		163

	Tags	PCS	Net Wt	Gr	LBS
TOTAL:	1	2	155		163

Heat Number  
Z00052067

\*\*\* Chemical Analysis \*\*\*

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

\*\*\*UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.\*\*\*

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

\*\*\* POUR VOS BESOINS D'ACIER INOXYDABLE,

\*CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600\*

\*\*\* FOR ALL YOUR STAINLESS STEEL NEEDS, CALL US.

\*\*\* WE HAVE IT! \*\*\* TEL. 800-926-2600 \*\*\*

\*\*\*\*\*

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/GST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001



## B I L L O F L A D I N G

No: VIM 456612

Ship From:  
THYSSENKRUPP MATERIAUX NA  
4700 BOIS FRANC  
ST. LAURENT, QC H4S 1A7  
Tel: 514-337-0161 Fax: 514-745-2968

Ship Date 30Jun15 at 16:24 From VFW  
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Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

## B I L L O F L A D I N G

NOS HEURES DE CUEILLETTE SONT DU LUNDI AU VENDREDI  
DE 8H30 A 12H00 ET DE 13H00 A 16H30.

CUSTOMER PICK-UP HOURS ARE MONDAY TO FRIDAY  
FROM 8:30 AM TO NOON AND 1:00 PM TO 4:30 PM.

\*\*\*\*\*

NOUS SERONS FERMES VENDREDI LE 3 JUILLET/15 POUR  
LA FETE DU CANADA ET SERONS OUVERTES MERCREDI LE  
1 JUILLET/15 AFIN DE MIEUX VOUS SERVIR.

WE WILL BE CLOSED ON FRIDAY, JULY 3/15 FOR CANADA  
DAY AND WILL BE OPENED ON WED., JULY 1/15 IN ORDER  
TO SERVE YOU BETTER.

Page: 2 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

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RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
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**INSPECTION CERTIFICATE (EN 10204/3.1)**

Page 1 / 2

Certificate No. : 2015040221  
Customer : THYSSENKRUPP MATERIALS NA  
CBS ELKHART 1015 SAINT JEROME STREET, ST.  
JOSEPHMISHAWAKA, IN, 46544, US  
Purchase Order No. : 5400245925-R01  
Material No. : ALFLR00995  
Alloy : 7075 Temper : T651  
Batch No. : 1550015688 Quantity : 4  
Dimensions : 1.250x72.50x144.50inch  
Master standard : ASTM B209-2010, AMS4045K, AMS-QQA250/12A

**TECHNOLOGICAL PROPERTIES**

**Mechanical properties:** Temper: T651  
ASTM B209-2010, AMS4045K, AMS-QQA250/12A

PI-No.	Spec.No.	Rp1.0	Rp0.2 Ksi	Rm Ksi	A4d %	Z	Rp/Rm
LT Min	-	-	67	77	6	-	-
Max	-	-	-	-	-	-	-
Act 1	-	-	75.5	85.4	11.9	-	-
Act 1	-	-	75.3	85.4	12.0	-	-
Act 2	-	-	75.7	85.8	12.0	-	-
Act 2	-	-	75.8	85.8	11.2	-	-

**Chemical Composition in %, Remainder Al**

Alloy : 7075 Cast No. : ZJ77502-1-15-0153  
Alloy Spec. : ASTM B209-2010, AMS4045K, AMS-QQA250/12A

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others each	Others total
Min	0.00	0.00	1.20	0.00	2.10	0.18	5.10	0.00	0.00	0.00
Max	0.40	0.50	2.00	0.30	2.90	0.28	6.10	0.20	0.05	0.15
Act	0.046	0.106	1.769	0.011	2.494	0.191	5.600	0.0346	0.0080	0.0217

**Other tests**

DIMENSIONAL CONTROL: OK  
SURFACE CONTROL: OK

MELTED AND MANUFACTURED IN THE PEOPLE'S REPUBLIC OF CHINA.

CERTIFIED THAT THE WHOLE OF THE SUPPLIES DETAILED HEREON HAVE BEEN INSPECTED, TESTED AND, UNLESS OTHERWISE STATED ABOVE, CONFORM IN ALL RESPECTS WITH THE REQUIREMENTS OF THE SPECIFICATION, CONTRACT OR ORDER. WE CONFIRM, THAT QUALITY SYSTEM OF ALERIS ALUMINUM





**INSPECTION CERTIFICATE (EN 10204/3.1)**

Page 2 / 2

Certificate No. : 2015040221  
Customer : THYSSENKRUPP MATERIALS NA  
CBS ELKHART 1015 SAINT JEROME STREET, ST.  
JOSEPHMISHAWAKA, IN, 46544, US  
Purchase Order No. : 5400245925-R01  
Material No. : ALFLR00995  
Alloy : 7075  
Batch No. : 1550015688  
Dimensions : 1.250x72.50x144.50inch  
Master standard : ASTM B209-2010, AMS4045K, AMS-QQA250/12A

Temper  
Quantity

: T651  
: 4

(ZHENJIANG) CO., LTD. IS IN ACCORDANCE WITH AS 9100C AND ISO 9001 IN THE RELEVANT VALID  
VERSION AND CERTIFICATED BY AN ACCREDITED 3RD PARTY.

MATERIAL CONFORMS TO THE REQUIREMENTS OF EUROPEAN UNION DIRECTIVE 2011/65/EU (ROHS).  
MATERIAL CONFORMS TO THE REQUIREMENTS OF THE CANCELLED SPECIFICATION AMS-QQA-250/11

Quality Assurance, 2015-Apr-13  
Valid after signature

*Xiaobo Bai*

Xiaobo Bai



C4

**INSPECTION CERTIFICATE (EN 10204/3.1)**

Page 1 / 2

**Certificate No.** : 2015010417  
**Customer** : THYSSENKRUPP MATERIALS NA  
CBS ELKHART 1015 SAINT JEROME STREET, ST. JOSEPH,  
MISHAWAKA, IN, 46544, US  
**Purchase Order No.** : 5400237046-R01  
**Material No.** : ALFLR03209  
**Alloy** : 7075 **Temper** : T651  
**Batch No.** : 1450012600 **Quantity** : 6  
**Dimensions** : 1.000x72.50x144.50inch  
**Master standard** : ASTM B209-2010, AMS4045K, AMS-QQ-A250/12A

**TECHNOLOGICAL PROPERTIES**

**Mechanical properties:** Temper: T651  
ASTM B209-2010, AMS4045K, AMS-QQ-A250/12A

	PI-No.	Spec.No.	Rp1.0	Rp0.2 Ksi	Rm Ksi	A4d %	Z	Rp/Rm
LT Min	-	-	-	68.0	78.0	7.0	-	-
Max	-	-	-	-	-	-	-	-
Act	1	-	-	77.7	87.4	14.7	-	-
Act	1	-	-	77.9	87.4	12.0	-	-
Act	2	-	-	77.4	87.1	13.4	-	-
Act	2	-	-	77.3	86.9	13.1	-	-

**Chemical Composition in %, Remainder Al**

Alloy : 7075 Cast No. : ZJ77502-1-14-0926  
Alloy Spec. : ASTM B209-2010, AMS4045K, AMS-QQ-A250/12A

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others each	Others total
Min	0.00	0.00	1.20	0.00	2.10	0.18	5.10	0.00	0.00	0.00
Max	0.40	0.50	2.00	0.30	2.90	0.28	6.10	0.20	0.05	0.15
Act	0.039	0.094	1.720	0.007	2.437	0.203	5.847	0.0322	0.0087	0.0282

**Other tests**

DIMENSIONAL CONTROL: OK  
SURFACE CONTROL: OK

MELTED AND MANUFACTURED IN THE PEOPLE'S REPUBLIC OF CHINA.

CERTIFIED THAT THE WHOLE OF THE SUPPLIES DETAILED HEREON HAVE BEEN INSPECTED, TESTED AND, UNLESS OTHERWISE STATED ABOVE, CONFORM IN ALL RESPECTS WITH THE REQUIREMENTS OF THE SPECIFICATION, CONTRACT OR ORDER. WE CONFIRM, THAT QUALITY SYSTEM OF ALERIS ALUMINUM



INSPECTION CERTIFICATE (EN 10204/3.1)

Page 2 / 2

Certificate No. : 2015010417  
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MISHAWAKA, IN, 46544, US  
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Batch No. : 1450012600 Quantity : 6  
Dimensions : 1.000x72.50x144.50inch  
Master standard : ASTM B209-2010, AMS4045K, AMS-QQ-A250/12A

(ZHENJIANG) CO., LTD. IS IN ACCORDANCE WITH AS 9100C AND ISO 9001 IN THE RELEVANT VALID  
VERSION AND CERTIFICATED BY AN ACCREDITED 3RD PARTY.

Quality Assurance, 2015-Jan-27

Valid after signature



Xiaobo Bai



# Certified Inspection Report

12/09/14  
00:25:08

Alcoa Inc.  
Massena Operations  
Park Avenue East, Massena, NY 13662



Customer  
**Copper Brass Sales**  
Ship To **Copper and Brass Sales, I**  
**13338 Orden Dr. Building**  
**Santa Fe Springs, CA 906**

Customer P.O. No.  
**5400239838**

Customer Part No.  
**(ALSQ00010)**

Alcoa Order No.  
**MMC-B3663--010**

Govt. Contract No.

We hereby certify that the material covered in this report has been inspected in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description, or as previously agreed to with customer and that samples representative of the material met the composition limits and have the mechanical properties shown on the face of this sheet. Manufactured under a quality management system registered to ISO/TS 16949 and AS9100. Melted and manufactured in the USA.

*Steven F. Marsh*  
Steven F. Marsh, Quality Manager

Date Shipped **12/05/14** Weight Shipped **1,843 lbs**  
Alloy - Temper **7075-T651** Size **1.50000 IN**

Product **CFRB-CF SQ. Specific Length**  
Shape **SQ** Config **12 FT**

BOL **000162524**  
QRR

Specifications:  
ASTM B21-12E1  
AMS 4123H  
COA-225/9E  
AMS-COA-225/9  
Material conforms to T6 reqmts

Product: produced and marked to the requirements of AMS-COA-225/9 also meets the requirements of COA-A-225/9. Product produced and marked to the requirements of COA-A-225/9 also meets the requirements of AMS-COA-225/9.

## TEST REQUIREMENTS

Test	Test	Test	Test	Test	Test	Test	Test	Test	Test
U.T.S.	T.Y.S.	%Elong							
Max:									
Min:	<b>77.0</b>	<b>66.0</b>	<b>07.0</b>						

Test Results	No. of Tests	Test	Test	Test	Test	Test	Test	Test	Test
Lot / Work Order		U.T.S.	T.Y.S.	%Elong					
<b>MA20143403</b>	<b>3</b>	Max: <b>82.2</b>	Max: <b>75.8</b>	Max: <b>16.5</b>					
		Min: <b>82.0</b>	Min: <b>75.3</b>	Min: <b>16.5</b>					

When 2 or more tests per lot are made, the highest and lowest values are reported.  
Analysis obtained from one or more samples in this lot.

## TEST ABBREVIATIONS

U.T.S. Ultimate Tensile Strength KSI  
T.Y.S. Tensile Yield Strength KSI 2% offset  
%Elong Elongation % in 2"

Aluminum Association Chemical Composition Limits (in Weight %)	%SI	%FE	%CU	%MN	%MG	%CR	%ZN	%TI	%Others	%Others	%AL
ALLOY	MAX	<b>0.40</b>	<b>0.50</b>	<b>2.0</b>	<b>0.30</b>	<b>2.9</b>	<b>0.28</b>	<b>6.1</b>	<b>0.20</b>	<b>0.05</b>	<b>0.15</b>
7075	MIN		<b>1.2</b>		<b>2.1</b>		<b>0.18</b>	<b>5.1</b>		<b>Each</b>	<b>Total</b>

## Actual Started Chemistry

LOT/WORK ORDER	%SI	%FE	%CU	%MN	%MG	%CR	%ZN	%TI	%OE	%OT	%AL
MAX	<b>0.06</b>	<b>0.14</b>	<b>1.6</b>	<b>0.01</b>	<b>2.5</b>	<b>0.20</b>	<b>5.9</b>	<b>0.02</b>	<b>LT 0.05</b>	<b>LT 0.15</b>	<b>Rem</b>
MIN	<b>0.05</b>	<b>0.13</b>	<b>1.6</b>	<b>0.01</b>	<b>2.5</b>	<b>0.20</b>	<b>5.7</b>	<b>0.02</b>			

## NOTES:

Material compliant with DFARS 252.225-7001 (Buy American Act)  
Mercury is not a normal contaminant in aluminum alloys and neither is any of its compounds are used in the manufacture of our product.  
This alloy meets the requirements of EU 2011/65/EC (RoHS) and EU 2000/53/EC for lead, mercury, cadmium and hexavalent chromium.

From: ThyssenKrupp Materials NA  
Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403951216  
CStar  
Wgt.: 66 LB  
Date 06/26/2015

*Steven F. Marsh*





# Certified Inspection Report

12/08/14  
00:25:08

Alcoa Inc.  
Massena Operations  
Park Avenue East, Massena, NY 13662



Customer	Customer P.O. No.	Customer Part No.	Alcoa Order No.	Govt. Contract No.
Copper Brass Sales	5400239838	(ALSQ00010)	MMC-B3663--010	

From: ThyssenKrupp Materials NA

Cust.: THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403951216

Cstar Cstor 268146

Wgt.: 66 LB

Date 06/26/2015

*John R. Smith*



**COPPER AND BRASS SALES****MATERIAL TYPE****ALUMINIUM ALLOYS****PRODUCT DESIGNATION****2014 2024 2224 2324 7050 7075 7150 7175 7475 ALUMEC 89 ALUMEC 99 QC-7****"WARNING"**

SMALL CHIPS,FINE TURNINGS AND DUST MAY IGNITE READILY.EXPLOSION POTENTIAL MAY BE PRESENT WHEN:DUST OR FINES ARE DISPERSED IN THE AIR; FINE, DUST OR MOLTEN ALUMINUM ARE IN CONTACT WITH CERTAIN METAL OXIDES; OR,CHIPS,FINES,DUST OR MOLTEN ALUMINUM ARE IN CONTACT WITH WATER OR MOISTURE.KEEP AWAY FROM IGNITION SOURCE.USE EXPLOSION-PROOF VENTILATION.KEEP MATERIAL DRY.

THIS PRODUCT CONTAINS BERYLLIUM AND COPPER.INHALING BERYLLIUM DUST OR FUMES MAY CAUSE CHRONIC BERYLLIUM DISEASE (CBD),A SERIOUS CHRONIC LUNG DISEASE IN SOME INDIVIDUALS.BERYLLIUM IS A CANCER HAZARD;OVER TIME CBD AND CANCER CAN BE FATAL,TARGET ORGAN IS PRIMARILY THE LUNG.INHALING LARGE AMOUNTS OF COPPER,MAGNESIUM OXIDE,MANGANESE OXIDE,AND ZINC OXIDE FUMES OR DUST MAY CAUSE METAL FUME FEVER WITH FLU-LIKE SYMPTOMS.CHRONIC OVEREXPOSURE TO COPPER MAY CAUSE THICKENING OF THE SKIN;AND SKIN,TEETH,AND HAIR DISCOLORATION.CHRONIC OVEREXPOSURE TO MANGANESE DUST CAN CAUSE CENTRAL NERVOUS SYSTEM DAMAGE,SCARRING OF THE LUNGS AND REPRODUCTIVE HARM IN MALES.TARGET ORGAN IS PRIMARILY THE LUNG,BUT REPEATED HIGH EXPOSURE CAN ALSO AFFECT THE LIVER.CHRONIC OVEREXPOSURE TO IRON OXIDE DUST/FUME MAY CAUSE LUNG SIDEROSIS.CHRONIC OVEREXPOSURE TO SILICON DUST CAN CAUSE CHRONIC BRONCHITIS.OVEREXPOSURE TO AMORPHOUS SILICA CAN CAUSE DRYING OF THE MUCOUS MEMBRANES OF THE EYES,NOSE,AND THROAT.

THIS PRODUCT ALSO CONTAINS NICKEL AND CHROMIUM COMPOUNDS.INHALATION OF NICKEL DUST OR FUME MAY RESULT IN INFLAMMATION OF THE RESPIRATORY TRACT AND CAUSE NASAL AND/OR LUNG CANCER.NICKEL HAS BEEN IDENTIFIED AS A POTENTIAL HUMAN CARCINOGEN.EXPOSURE TO CHROMIUM DUST OR FUMES MAY CAUSE METAL FUME FEVER WITH FLU-LIKE SYMPTOMS AND KIDNEY AND LIVER DAMAGE.UNDER HIGH TEMPERATURES,HEXAVALENT CHROMIUM MAY BE PRODUCED,IF IN THE INSOLUBLE FORM,IT IS A CONFIRMED HUMAN CARCINOGEN.(CALIFORNIA PROPOSITION 65).

IF COATED WITH OIL,MAY CAUSE SKIN IRRITATION/DERMATITIS BY CONTACT.WELDING FUME IS LISTED AS A POSSIBLE CARCINOGENIC TO HUMANS.

READ THE ALUMINIUM/ALUMINIUM ALLOYS MATERIAL SAFETY DATA SHEET (MSDS) ON FILE WITH YOUR EMPLOYER BEFORE WORKING WITH THIS MATERIAL.

\* If processing or recycling produces particulate,use exhaust ventilation or other controls designed to prevent exposure to workers. Examples of such activities include melting, welding,grinding,abrasive sawing,sanding and polishing.Any activity which abrades the surface of this material can generate airborne particulate.Use appropriate NIOSH approved respiratory protection (P95; P100 for lead with, quantitative fit testing required) if exposures exceed the permissible limits.

\* The Occupational Safety and Health Administration (OSHA) have set mandatory limits on occupational exposures.

\* Aluminum, in solid form and as contained in finished products presents no special health risk.

\* Sold for manufacturing purposes only.This product can be recycled; contact your sales representative.

For additional information, call or write to Copper and Brass Sales,22355 West Eleven Mile Road, Southfield, MI 48033,telephone 248-233-5600, or visit our web site @ [www.copperandbrass.com](http://www.copperandbrass.com).



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511  
2.00" X 8.00" X 48.00"  
PART NO.

PO/Ref 28959

Nous certifions que le document reproduit ici est  
une copie conforme du rapport fourni par le  
fournisseur du matériel ou les données résultent

## Certificate of Mill Test Results

BL VIM-456612-001

30Jun15

Pg 1/1

de l'analyse faite par un laboratoire qualifié.  
SIGNE PAR: LUCY TRUGLIO

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

*Best in Class*

### CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: VIM-631054-2		CUSTOMER PART NUMBER: W22/STK		PRODUCT DESCRIPTION: 2.000 X 8.000 PRECISION WIDE BAR	
KAISER ORDER NUMBER: 686208	LINE ITEM: 002	SHIP DATE: 05/01/2015	KAISER LOT NUMBER: ZC0052067	ALLOY: 6061	TEMPER: T6511B
WEIGHT SHIPPED: 903.000 LB	QUANTITY: 4.000 PCS	B/L NUMBER: 611795	DIAM/DIA/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO:  THYSSENKRUPP CANADA 4700 BOIS FRANC ST LAURENT, PQ H4S 1A7 CANADA			SOLD TO:  THYSSENKRUPP CANADA 4700 BOIS FRANC ST LAURENT, PQ H4S 1A7 CANADA		

### Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
ZC0052067	0001	1	54.1	51.8	16.2	RE 93	N/A	N/A

### Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
1C4780	.80	.22	.29	.13	.92	.10	.00	.03	.00	.00	.00	.01	.03

### Applicable Requirements:

PER ASTM-B221-14, STENCILED ASME-SB221 1998 SECT II PER AMS-QQ-A-200/8 (REAF 2012)  
UNS# A96061 MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELEVATED MINIMUM  
MECHANICAL PROPERTIES AS FOLLOWS: UTS - 42.0 KSI MIN YIELD = 38.0 KSI MIN ELONGATION  
- 10.0% MIN

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA  
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY  
OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been  
inspected and tested and found in conformance with applicable specifications forming a part of the  
description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on  
Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

*Aimee L. Macnowski*

Plant Serial: 00175289

Kaiser Order Number: 686208

Line Item: 002



## Q U O T A T I O N

No: PEC ST-819343

## Quoted By:

THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

## Quoted To: ( 20115)

DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

## Quoted Ship To: ( 1)

DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS Qtd 25Jun15 Qte Ref  
Frt PREPAID Via FOB  
Tel 613-632-9577 Fax 613-632-1053 Ctc CHANTAL  
Slp STAN IVERS (905-532-1350)

## Q U O T A T I O N

QT No: PEC ST-819343

Test Certs: Chem-Y Phys-Y 1 Original copies with Shipment, 1 with Invoice

1	ALUMINUM SQUARE BAR 7075-T651 1.50" X 144.0000"	2 PCS	64 LBS
	MATERIAL	24 FT @	18.4000 FT
	ENERGY & CAP SURCHG	25.0000 LOT	25.00
3	ALUMINUM PLATE 7075-T651 1.250" THICK X 2.0000" X 144.0000"	2 PCS	78 LBS
	<<<----- SPECIFICATIONS ----->>>		
	Ga Tol + 0.0000 - 0.0000 Pc/Tag	2	
	WthTol + 0.0630 - 0.0000 Wt/Skd		
	LthTol + 0.0000 - 0.0000 Ty	Pk	
	MATERIAL	2 PCS @	265.0000 EA
			530.00
4	ALUMINUM FLAT BAR 6061-T6511 2.00" X 8.00" X 48.0000"	2 PCS	155 LBS
	<<<----- SPECIFICATIONS ----->>>		
	Ga Tol + 0.0000 - 0.0000 Pc/Tag	2	
	WthTol + 0.0000 - 0.0000 Wt/Skd		
	LthTol + 0.1250 - 0.0000 Ty	Pk	
	MATERIAL	8 FT @	58.1250 FT
			465.00
5	STAINLESS STEEL FLAT BAR 304L SLIT/EDGED .50" X 2.50" X 144.0000"	1 PCS	51 LBS
	MATERIAL	12 FT @	15.5975 FT
			187.17
6	ALUMINUM PLATE 7075-T651 1.00" THICK X 2.5000" X 144.0000"	1 PCS	36 LBS
	<<<----- SPECIFICATIONS ----->>>		
	Ga Tol + 0.0000 - 0.0000 Pc/Tag	1	
	WthTol + 0.0630 - 0.0000 Wt/Skd		
	LthTol + 0.0000 - 0.0000 Ty	Pk	
	MATERIAL	1 PCS @	275.0000 EA
			275.00





Q U O T A T I O N

No: PEC ST-819343

Quoted By:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 905-738-9033

Quoted To: ( 20115)  
 DART AEROSPACE

Quoted Ship To: ( 1)  
 DART AEROSPACE

Q U O T A T I O N

QT No: PEC ST-819343

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
 TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
 \*\* REFERENCED ON IT \*\*

Price in effect at time of shipment.  
 Price based on receipt of total order.

All weights are theoretical.  
 All orders are subject to credit approval.

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\* CUSTOMER PICK-UP HOURS \*\*\*

\*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL!!!! \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
 ADDED TO EVERY ORDER.\*\*\*

\*\*\*\*\*

\*FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE

\*VISIT OUR WEBSITE: [www.copperandbrass.com](http://www.copperandbrass.com)

\*\*\*\*\*

Order Totals: 5 Items 384 LBS

Material	Processing	Freight	Other	Taxes	ORDER AMT
1,898.77			25.00	250.09	2,173.86
*****					
Taxes: ONHSTS	250.09	0.00		0.00	0.00



29Jun15 07:14

## S A L E S   A C K N O W L E D G M E N T

No: PEC ST-819985

Sold By:

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 905-738-9033

Sold To: ( 20115)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Ship To: ( 1)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS

Frt PREPAID

Con 96294

Slp STAN IVERS (905-532-1350)

Ord 29Jun15 Due07Jul15

Via VIM TRANSFER

FOB CONCORD

PO/Rel 28959

Tel 613-632-9577 Fax 613-632-1053

## S A L E S   A C K N O W L E D G M E N T

SO No PEC ST-819985

Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

1 ALUMINUM SQUARE BAR 7075-T651	2 PCS	64 LBS
1.50" X 144.0000"		24 FT
MATERIAL	24 FT @ 18.4000 FT	441.60
ENERGY & CAP SURCHG	25.0000 LOT	25.00

2 ALUMINUM PLATE 7075-T651	2 PCS	78 LBS
1.250" THICK X 2.0000" X 144.0000"		
<<<----- SPECIFICATIONS ----->>>		
Ga Tol + 0.0000 - 0.0000 Pc/Tag	2	
WthTol + 0.0630 - 0.0000 Wt/Skd		
LthTol + 0.0000 - 0.0000 Ty	Pk	
MATERIAL	2 PCS @ 265.0000 EA	530.00

3 STAINLESS STEEL FLAT BAR 304L SLIT/EDGED	1 PCS	51 LBS
.50" X 2.50" X 144.0000"		12 FT
MATERIAL	12 FT @ 15.5975 FT	187.17

4 ALUMINUM PLATE 7075-T651	1 PCS	36 LBS
1.00" THICK X 2.5000" X 144.0000"		
<<<----- SPECIFICATIONS ----->>>		
Ga Tol + 0.0000 - 0.0000 Pc/Tag	1	
WthTol + 0.0630 - 0.0000 Wt/Skd		
LthTol + 0.0000 - 0.0000 Ty	Pk	
MATERIAL	1 PCS @ 275.0000 EA	275.00

ADD ON TO 819714 VIM SUR-CHARGE ADDED

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*

\*\* REFERENCED ON IT \*\*

\*\* CUSTOMER PICK-UP HRS / 9:00 AM TO 4:00 PM \*\*

\*\*\* TEL. 800-926-2600 \*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL!!!! \*



29Jun15 07:14

S A L E S   A C K N O W L E D G M E N T

No: PEC ST-819985

Sold By:

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 905-738-9033

Sold To:     ( 20115)

DART AEROSPACE

Ship To:     (   1)

DART AEROSPACE

S A L E S   A C K N O W L E D G M E N T

SO No PEC ST-819985

Test Certs: Chem Y Phys Y   1 Original copies with Shipment, 1 with Invoice

\*   PLEASE LET US QUOTE YOUR NEXT REQUIREMENT       \*

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

\*\*\*\*\*

\*FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE

\*VISIT OUR WEBSITE: [www.copperandbrass.com](http://www.copperandbrass.com)

\*\*\*\*\*

Order Totals:                   4 Items                   229 LBS

\*\*\*\*\*

Material	Processing	Freight	Other	Taxes	ORDER AMT
1,433.77			25.00	189.64	1,648.41

\*\*\*\*\*

Taxes: ONHSTS       189.64

